

# **METHOD AND APPARATUS FOR IMPROVED DETECTION OF MULTISYNCHRONOUS SIGNALS**

## **ABSTRACT OF THE DISCLOSURE**

Disclosed are a method and system for processing timing information with respect to an electronic device. The method comprises the steps of generating a first set of responses from the device at a first frequency in response to a first timing signal, and generating a second set of responses from the device at a second frequency in response to a second timing signal. The method comprises the further steps of receiving the first and second sets of responses from the device, and processing the received responses to identify responses that are in synchronization with the first timing signal and responses that are in synchronization with the second timing signal. These timing signals may be related to clock signals applied to the electrical device, to clock signals internally generated by the device, or to extraneous noise that affects the electrical device in some fashion.